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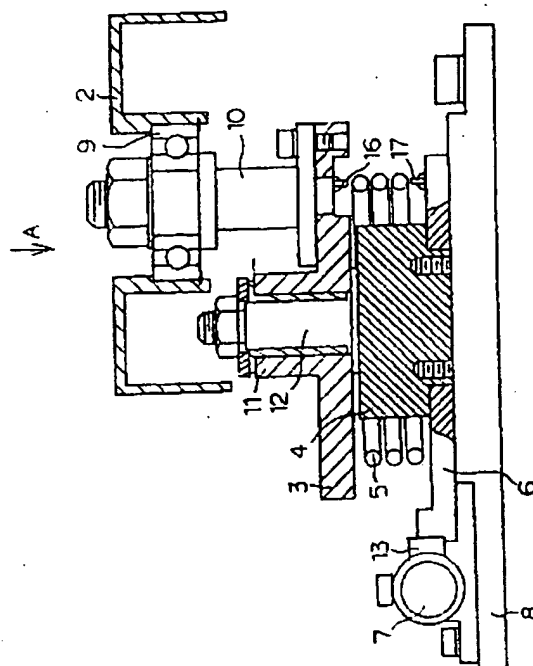
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TITLE : BELT TENSION DEVICE



ABSTRACT : PURPOSE: To make the regulation of belt tension easy and make micro-regulation and regulation during travel pushing an idle pulley against a belt by the coiling force of a coil spring and utilizing a worm wheel and a worm gear as coiling means.

CONSTITUTION: A revolving base 6 is revolved, and torsion is put on a coil spring 5 engage-stopped with one end and a belt is given tension by pushing against the belt by means of this torsion force an idle pulley 2 fitted to a revolving plate 3 engage-stopped with the other end. A worm wheel 13 is formed at one part of the side surface of the revolving base and a worm gear 7 which is supported revolvably on a base 8, is engage-stopped, and a constitution is so made that torsion force is given to the coil spring 5 by revolving the revolving base 6. Accordingly, the precise regulation of a torsion angle can be conducted only by revolving the worm gear 7, and the regulation of the tension of the belt becomes easy and the micro-regulation of tension and the regulation of tension during belt travel can be conducted.

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